



Industry Overview and RFP Results

October 12, 2017





Table of Contents

		<u>Slide</u>
•	Current ABLE Market Information	3
•	Third Party Service Providers	7
•	Plan Features	10
•	Fees	13





Section 1.

Current ABLE Market Information





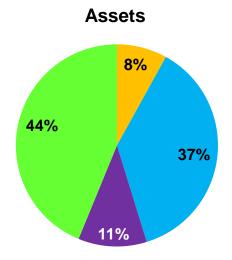
Available ABLE Plans

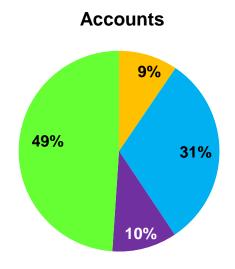
	ABLE Alliance	Independent Plans	Ohio Partner States	Nebraska Partner States	
States	Alaska Colorado District of Columbia Illinois Indiana Iowa Kansas Minnesota Montana Nevada North Carolina Pennsylvania Rhode Island	Florida Louisiana Massachusetts Michigan New York Oregon Tennessee Virginia	Ohio Georgia Kentucky Missouri Vermont	Nebraska Alabama	
Total	13 States	8 States	5 States	2 States	
Expected Launches	New Jersey	Maryland (OR) Washington (OR) Texas	South Carolina		





Overall ABLE Market





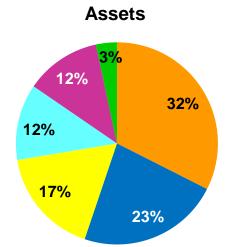
	Assets	Accounts	Average Account Size	
ABLE Alliance	\$2,972,154	984	\$3,020	
Ohio Partner States	\$13,741,513	3,226	\$4,260	
Nebraska Partner States	\$4,053,590	1,079	\$3,757	
Independent Plans	\$16,177,528	5,069	\$3,191	
Industry Total	\$36,944,785	10,358	\$3,567	

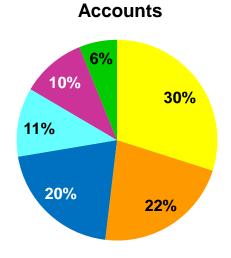
Source: Assets and accounts data from Strategic Insight as of June 30, 2017





Status of Independent Plans





	Launch Date	Assets	Accounts	Average Account Size
Tennessee	6/10/16	\$5,250,309	1,113	\$4,717
Florida	7/1/16	\$3,676,241	1,038	\$3,542
Virginia	12/19/16	\$2,780,851	1,517	\$1,833
Oregon	12/6/16	\$1,972,472	563	\$3,504
Michigan	11/1/16	\$1,957,054	528	\$3,707
Massachusetts	5/10/17	\$540,601	310	\$1,744
Total		\$16,177,528	5,069	\$3,191

Source: Assets and accounts data from Strategic Insight as of June 30, 2017



Notes: Plans are listed by asset size. Louisiana and New York launched after June 30, 2017



Section 2. Third Party Service Providers





Largest Program Managers

Service Provider	States
Ascensus	National ABLE Alliance (13 States) New York
Intuition	OH Partnership (5 States) Florida*
First National Bank of Omaha	NE Partnership (2 States)
BNY Mellon	Oregon
Fidelity	Massachusetts
PNC Bank	Virginia

Source: Program Disclosure Statements available as of August 23, 2017

*Services rebid; new engagement not finalized

Other service providers include TSA Consulting (MI) and Envision (TN), however, Tennessee is expected to announce the results of an RFP for ABLE Program Management soon





Presence of Investment Managers

Investment Manager	States			
Vanguard	National ABLE Alliance (13 Plans) NE Partnership (2 Plans) OH Partnership (5 Plans) FL LA MI NY OR TN VA			
BlackRock	National ABLE Alliance FL			
Schwab	National ABLE Alliance			
DFA	MI OR TN			
Fidelity	MA VA			

Source: Program Disclosure Statements available as of August 23, 2017





Section 3.

Plan Features





Minimum Contributions

	Contribution	State
	\$0	FL VA
Initial Minimum	\$10	LA
Contribution	\$25	National ABLE Alliance MI ¹ NY ¹ OR TN
	\$50	NE Partnership ² MA ¹ OH

	Contribution	State		
	\$0	FL LA TN VA		
Subsequent Minimum	\$1	OH Partnership		
Contribution	\$10	OR		
	\$25	National ABLE Alliance MA ¹ MI ³ NE ³ NY ¹		

Source: Program Disclosure Statements available as of August 23, 2017





¹ \$15 for AIP

² \$25 for AIP

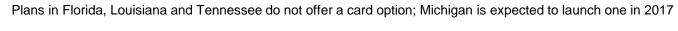
³ \$0 for AIP

Card Features

State	Card Type	Investment Option Directly Linked To:	Service Fees
ABLE Alliance	Debit	Not Specified	\$2 per month \$2.75 for non-network ATMs
Nebraska Partnership	Debit	Checking	\$2 per month
Ohio Partnership	Prepaid	Not Linked	\$0.49 per transaction with a PIN
Massachusetts	Debit	Not Linked	None
New York	Debit	Checking	Same as Alliance
Oregon	Prepaid	Not Linked	\$1.25 per month
Virginia	Debit	FDIC-insured	None
California Proposed	Debit	Investment Account	None

Source: Program Disclosure Statements available as of August 23, 2017





Section 4.

Fees





Asset-Based Management Fees

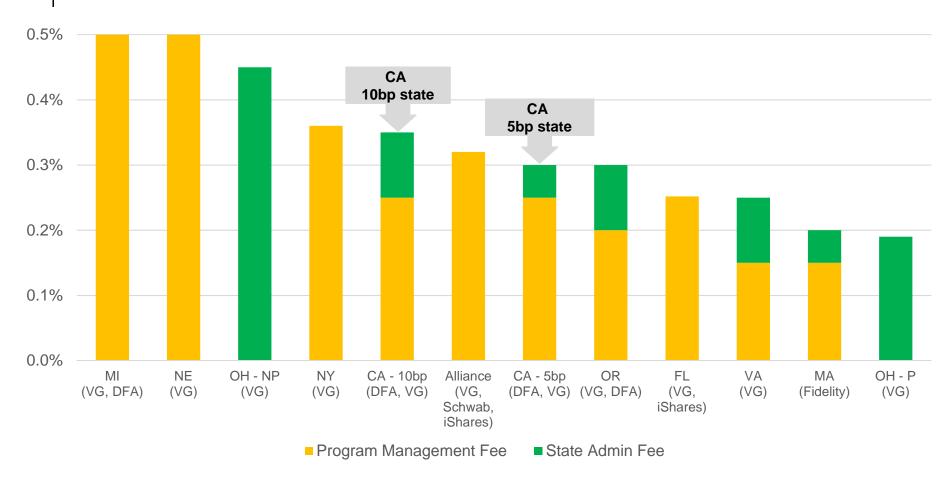
Plan	Program Management Fee	State Admin Fee
Michigan	0.50%	
NE Partnership	0.50%	
New York	0.36 - 0.38% Included, if any	
National ABLE Alliance	0.32%	
California Proposed	0.25% for all except: 0.05% for Ultrashort Prime 0.10% for ANOVA	0.05% - 0.10%
Oregon	0.10% for ANOVA 0.20% 0.10%	
Virginia	0.15%	0.10%
Massachusetts	0.15%	0.05%
Tennessee		0 - 0.31%
OH Partner States		0.19%
OH Non-Partner States	ner States 0.45%	
Florida	Not specified	Not specified

Source: Program Disclosure Statements available as of August 23, 2017. Does not include Louisiana





Example: Asset-Based Management Fee Comparison



Source: Program Disclosure Statements available as of August 23, 2017.

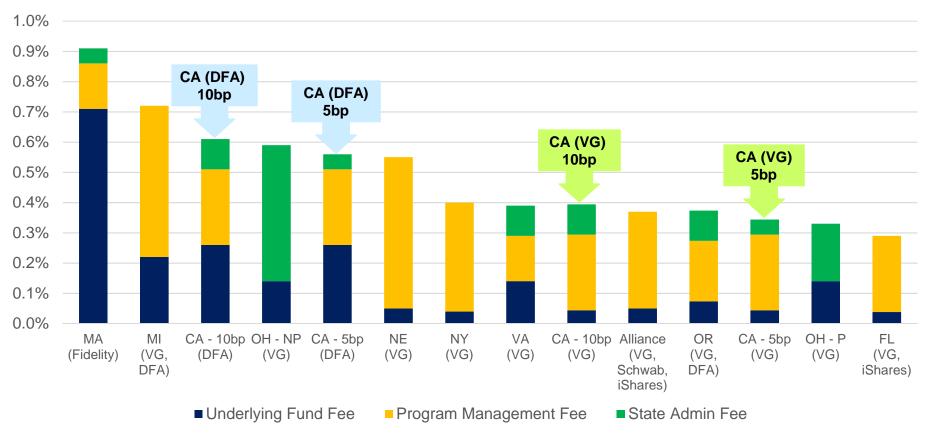
Notes: (i) Does not include Louisiana and Tennessee. (ii) Florida State Administrative Fee is assumed to be 0%. (iii) (P) represents Partner States and (NP) represents Non-Partner States. (iv) New York fee represents the moderate static option. (v) California fees represent the DFA and VG static options. (vi) Florida fee represents the moderate static option.





Example: Asset-Based Total Fee Comparison

60/40 Static Allocation Portfolio



Source: Program Disclosure Statements available as of August 23, 2017.

Notes: (i) Does not include Louisiana and Tennessee. (ii) Used 50/50 static allocation portfolio for Oregon because 60/40 is not offered. (iii) Florida State Administrative Fee is assumed to be 0%. (iv) (P) represents Partner States and (NP) represents Non-Partner States. (v) CA (VG) portfolios are domestic 60%/40% static allocation portfolios created from the VG Total Stock Market Index and VG Total Bond Market Index individual options proposed by Nottingham.





Dollar-Based Annual Account Maintenance Fees

Plan		Residents	Non-Residents	Fee Recipient
National ABLE Alliance		\$55-60	\$60	State
Dortnershine	NE	\$45	same	Unclear
Partnerships	ОН		\$42 ¹	Intuition
	CA	\$36²	\$36 ²	Nottingham ³
	FL	\$30		
	LA			
	MA	\$30	\$30	Fidelity
Independent	MI	\$45	\$45	Unclear
	NY	\$55	Same	
	OR	\$22.50 - through 2017 \$45 - beyond 2017	\$35	Unclear
	TN			
	VA	\$39	\$39	Appears to go to State

Source: Program Disclosure Statements available as of August 23, 2017

17





¹ Non-Ohio residents pay \$3.50 monthly regardless of whether their State of residency is a Partner State

² Assumes 10,000 accounts, which equates to \$3 monthly based on Nottingham's response

³ \$10 p/account onboarding fee also proposed

Hypothetical Fee Comparisons: Year 1

State Plan	California	California	Illinois	Ohio	Oregon
Investment Option (60/40 static)	Dimensional 2030	Vanguard Domestic ¹	Growth	Moderate Growth	Moderate ²
Assumed Assets ³	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Asset-based Fee (bp)	0.61%4	0.39%4	0.37%	0.33%	0.37%
Asset-based Fee (\$)	\$18.30	\$11.70	\$11.10	\$9.90	\$11.10
Year 1 Onboarding Fee (\$)	\$10.00	\$10.00			
Account Maintenance Fee (\$)	\$36.00 ⁵	\$36.00 ⁵	\$60.00 ⁶	\$42.00 ⁶	\$35.00 ⁶
Total Annual Fees	\$64.30	\$57.70	\$71.10	\$51.90	\$46.10
Basis Point Equivalent	2.14%	1.92%	2.37%	1.73%	1.54%

Source: Program Disclosure Statements available as of August 23, 2017

Notes: (1) CA Vanguard Domestic portfolio is a domestic 60%/40% static allocation portfolio created from the VG Total Stock Market Index and VG Total Bond Market Index individual options proposed by Nottingham. (2) Used 50/50 static allocation portfolio because 60/40 is not offered. (3) Assumes assets remain constant over time. (4) Includes 10bp state admin fee. (5) Annual maintenance fee assumes up to 10,000 accounts. (6) Nonresident account maintenance fees.





Hypothetical Fee Comparisons: Year 2 and Beyond

State Plan	California	California	Illinois	Ohio	Oregon
Investment Option (60/40 static)	Dimensional 2030	Vanguard Domestic ¹	Growth	Moderate Growth	Moderate ²
Assumed Assets ³	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Asset-based Fee (bp)	0.61%4	0.39%4	0.37%	0.33%	0.37%
Asset-based Fee (\$)	\$18.30	\$11.70	\$11.10	\$9.90	\$11.10
Year 1 Onboarding Fee (\$)					
Account Maintenance Fee (\$)	\$36.00 ⁵	\$36.00 ⁵	\$60.00 ⁶	\$42.00 ⁶	\$35.00 ⁶
Total Annual Fees	\$54.30	\$47.70	\$71.10	\$51.90	\$46.10
Basis Point Equivalent	1.81%	1.59%	2.37%	1.73%	1.54%

Source: Program Disclosure Statements available as of August 23, 2017

Notes: See page 18





Hypothetical Fee Comparisons: Five-Year Fees

State Plan	California	California	Illinois	Ohio	Oregon
Investment Option (60/40 static)	Dimensional 2030	Vanguard Domestic ¹	Growth	Moderate Growth	Moderate ²
Assumed Assets ³	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Total Annual Fees – Year 1 ^{4,5,6}	\$64.30	\$57.70	\$71.10	\$51.90	\$46.10
Total Annual Fees – Years 2 + 4,5,6	\$54.30	\$47.70	\$71.10	\$51.90	\$46.10
Total Five-Year Fees	\$281.50	\$248.50	\$355.50	\$259.50	\$230.50
Basis Point Equivalent	9.38%	8.28%	11.85%	8.65%	7.68%

Source: Program Disclosure Statements available as of August 23, 2017

Notes: See page 18





Appendix





Asset-Based Fees: Sorted by Program Structure

Plan		Underlying Fund	Program Management	State Admin	Total Fee
National ABLE	Alliance	0.02 - 0.06%	0.32%	None	0.34 - 0.38%
	NE	0 - 0.06%	0.50%	None	0.50 - 0.56%
Partnerships	ОН	0 - 0.15%	None	0.19% (P) 0.45% (NP)	0.19 - 0.34% (P) 0.45 - 0.60% (NP)
	CA	0.04 - 0.12% VG 0.23 - 0.53% DFA 0.07 - 1.40% Other	0.05 - 0.25%	0.05 - 0.10%	0.39 - 0.47% VG* 0.58 - 0.88% DFA* 0.315 - 1.75% Other*
	FL	Not specified	Not specified	Not specified	0.035 - 0.29%
	MA	0.37 - 0.74%	0.15%	0.05%	0.57 - 0.94%
Independent	MI	0 - 0.28%	0.50%	None	0.50 - 0.78%
OF	NY	0.02 - 0.04%	0.36 - 0.38%	Included, if any	0.40%
	OR	0.0647 - 0.081%	0.20%	0.10%	0.30 - 0.381%
	TN	0 - 0.64%	None	0 - 0.31%	0 - 0.64%
	VA	0.12 - 0.15%	0.15%	0.10%	0 - 0.40%

Source: Program Disclosure Statements available as of August 23, 2017. Does not include Louisiana

(P) represents Partner States; (NP) represents Non-Partner States

^{*} Reflects 0.10% State Administrative Fee. Using 0.05% State Administrative Fee, Total Fee would be 0.34-0.42% (VG), 0.53-0.83% (DFA) and 26.5-1.70% (Other)





Asset-Based Total Fees

Plan	Total Fee
California - Other	0.315 - 1.75%*
Massachusetts	0.57 - 0.94%
California - DFA	0.58 - 0.88%*
Michigan	0.50 - 0.78%
Tennessee	0 - 0.64%
OH Non-Partnership States	0.45 - 0.60%
NE Partnership	0.50 - 0.56%
California - VG	0.39 - 0.47%*
New York	0.40%
Virginia	0 - 0.40%
Oregon	0.30 - 0.381%
National ABLE Alliance	0.34 - 0.38%
OH Partnership States	0.19 - 0.34%
Florida	0.035 - 0.29%

Source: Program Disclosure Statements available as of August 23, 2017. Does not include Louisiana





^{*} Reflects 0.10% State Administrative Fee. Using 0.05% State Administrative Fee, Total Fee would be 0.34-0.42% (VG), 0.53-0.83% (DFA) and 26.5-1.70% (Other)